

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 01-125714

(43)Date of publication of application : 18.05.1989

(51)Int.Cl. G11B 5/62

(21)Application number : 62-284467 (71)Applicant : SONY CORP

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(54) MAGNETIC TAPE

(57)Abstract:

PURPOSE: To effectively use a magnetic tape formed by vapor deposition as a magnetic tape for audio purposes by maintaining the difference in the reproduced output between forward and backward directions within 2dB.

CONSTITUTION: The difference in the reproduced output between the forward and backward directions of the magnetic tape having a magnetic metallic film formed by oblique vapor deposition on a nonmagnetic base is within 2dB. The difference in the reproduced output between the forward and backward directions can be maintained within 2dB simply by limiting the incident angle on a high incident angle side of the vapor of the magnetic material arriving on a base film at the time of, for example, the oblique vapor deposition. Namely, the incident angle at the time of the oblique vapor deposition is merely required to be limited to 30W80°, more preferably 30W70°. The magnetic tape adequate for use in the forward and backward directions is thereby obtd.

LEGAL STATUS [Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]